

[Name of Document]        ABSTRACT

[Abstract]

[Object]    To provide an image display device, such as a liquid crystal television receiver or the like, that has a printer incorporated therein for printing a displayed image on the spot.

[Solving Means]    Upon switching-on of a television receiver 10, an image forming device 16 goes into action and television images or the like are projected onto a display screen 14. Here, by appropriately operating an operation section 25 or the like, a command requiring images being displayed on the display screen 14 to be printed out, is inputted into the image forming device 16. As a result, the printing command signal is issued from the data processing section 81 provided in the output section 80 to the printer unit 23, together with an image file appropriately converted from video signals. The printer unit 23 develops the inputted image file, prints the corresponding image, and outputs it.

[Selected Figure]        Fig. 1

## FIG. 6

65: DETACHABLE SWITCH  
81: DATA PROCESSING  
82: SWITCH DETECTION  
91: INPUT INTERFACE  
95: OUTPUT INTERFACE  
101: THERMAL HEAD  
102: HEAD DRIVE CIRCUIT  
103: PAPER/RIBBON FEED MOTOR  
105: MOTOR DRIVE CIRCUIT

## FIG. 8

65: DETACHABLE SWITCH  
VIDEO SIGNAL  
81a: DATA PROCESSING CIRCUIT  
81b: OUTPUT INTERFACE  
82: SWITCH DETECTION  
87: STORAGE DEVICE  
88: POWER SUPPLY DEVICE  
POWER SUPPLY  
91: INPUT INTERFACE

## FIG. 9

PRINTER DEMOUNTING PROCESSING  
S1: DETECT PRINTER DEMOUNTING SIGNAL;

START INTERRUPTION PROCESSING

S2: UNDER PRINTING ?

S3: PRINT INTERRUPTION PROCESSING

S4: HOLD INTERRUPTED PRINT SPOOL INFORMATION IN MEMORY

S5: DISCONNECTION OF CONNECTION PROTOCOL

S6: POWERING-OFF OF PRINTER

S7: PRINTER DEMOUNTING WORK

DEMOUNTING COMPLETED

FIG. 10

PRINTER MOUNTING PROCESSING

S11: PRINTER MOUNTING WORK

S12: DETECTION OF PRINTER MOUNTING SIGNAL

S13: POWERING-ON OF PRINTER

S14: RECONNECTION OF CONNECTION PROTOCOL

S15: INTERRUPTION IN COURSE OF PRINTING

S16: RESTART PRINTING FROM INTERRUPTED PRINT SPOOL

DEMOUNTING COMPLETED